



HYUNDAI

Technical Service Bulletin

Model Elantra 2008 (HD)
 Group Fuel System (14)
 Number HRE08-14-P910-HD
 Date NOV. 25, 2008
 Area Puerto Rico

Subject

**FUEL PUMP SUB ASSEMBLY REPLACEMENT
 – SAFETY RECALL**

1. Description

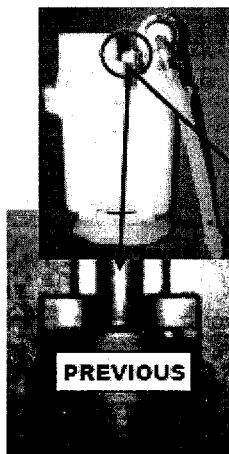
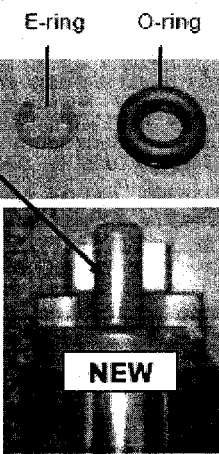
- Symptom / Condition
 On some Elantra (HD) vehicles, the fuel pump may not operate.
- Countermeasure
 Replace the fuel pump sub assembly with new one to repair this condition.

2. Applicable Vehicles

- Model : ELANTRA (HD)
- Applicable vehicle production date range: From Nov. 5, 2007 to June 25, 2008
- Applicable vehicle VIN range : From KMHDU46D18U381476 to KMHDU46D38U538831
- Area : Guam, Puerto Rico

3. Parts Information

■ PARTS REQUIRED

PART NAME	PART NUMBER		REMARK
	PREVIOUS	NEW	
Fuel Pump Sub Assembly (Including O-ring and E-ring)		31110-2H005QQH	Color of wiring connector: Black→Brown
	 <p>PREVIOUS</p>	 <p>NEW</p>	

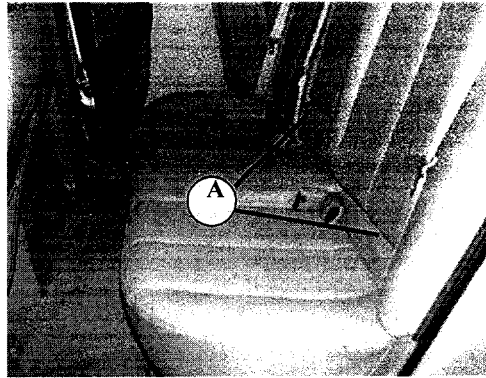
4. Operation Code And Time

OP CODE	OPERATION	OP TIME	NATURE	CAUSE
81B028R1	FUEL PUMP SUB ASSEMBLY REPALCEMENT	0.5 M/H	*N06	**C23

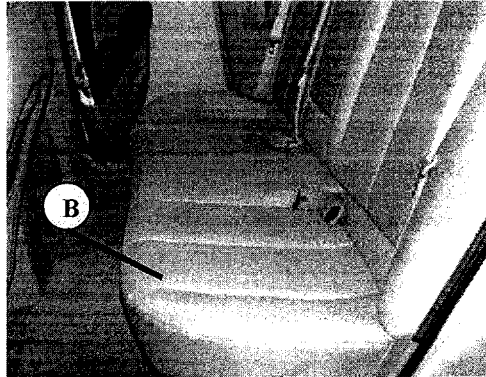
*N06 : ENGINE STALLING
**C23 : IMPROPER MACHINING

5. Service Procedure

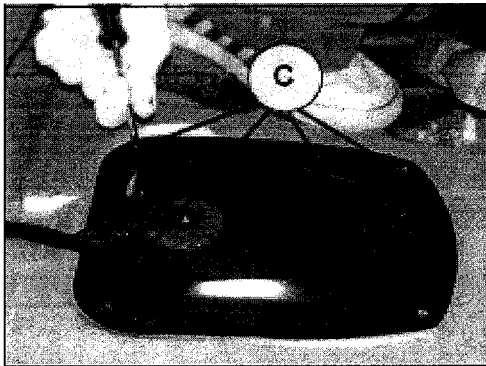
1. Remove the 2 rear seat cushion mounting bolts (A).



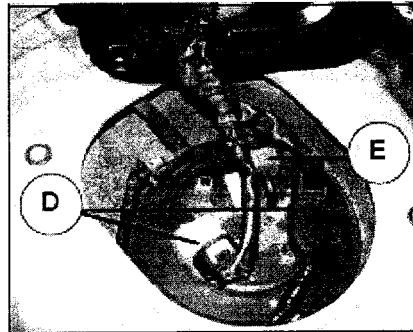
2. Remove the rear seat cushion assembly (B).



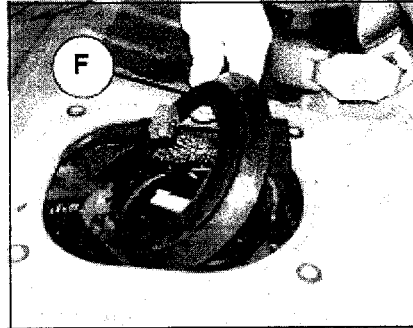
3. Unfasten the 4 fuel pump service cover mounting screws (C).



4. Disconnect the fuel pump wiring connector and the fuel hose quick connector (E).



5. Remove the rubber cover (F).



6. Using SST (G), unscrew the fuel pump plate cover (H) and remove the fuel pump plate cover.

SST no.: 09310-2B200

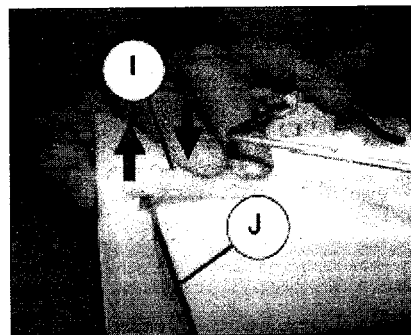
7. Remove the fuel pump complete assembly from the fuel tank.



8. Undo the hook by pressing the return hose (I) and remove the return hose by prying up with a flat head screwdriver (J).

Caution:

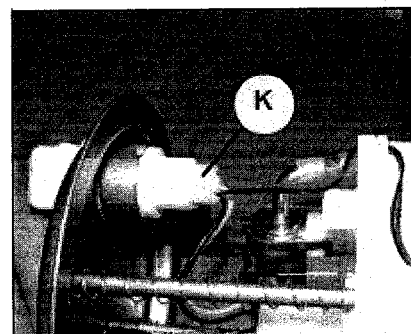
Care not to damage the fuel sender.



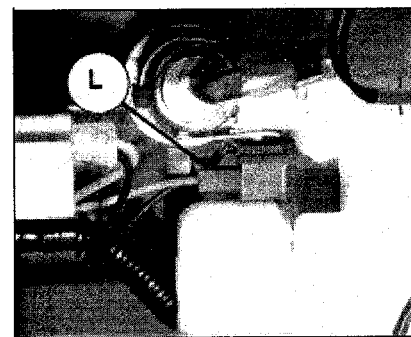
9. Disconnect the fuel sender wiring connector (K).

Caution:

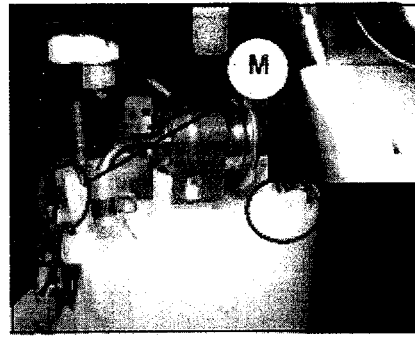
Make sure to pull the connector, not the wire when disconnecting.



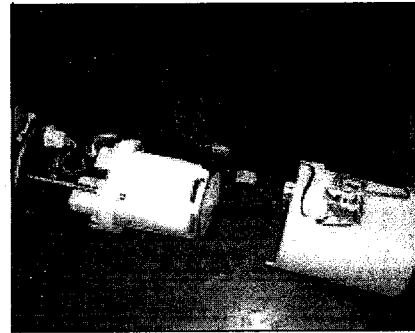
10. Disconnect the fuel pump wiring connector (L).



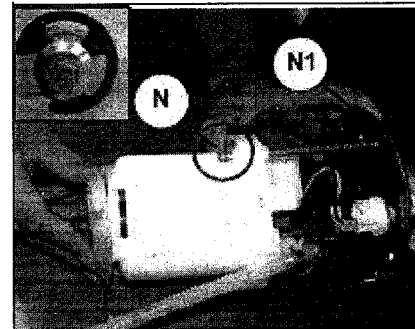
11. Release the 3 lock keys (M) of fuel pump reservoir by using a flat head screwdriver.



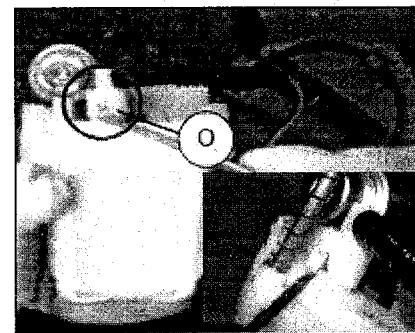
12. Take out the fuel pump from the reservoir.



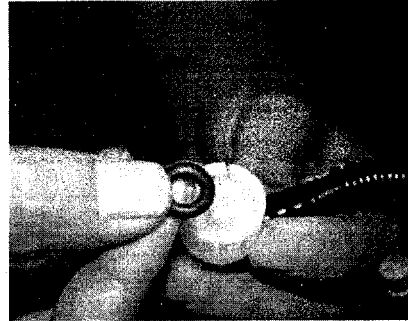
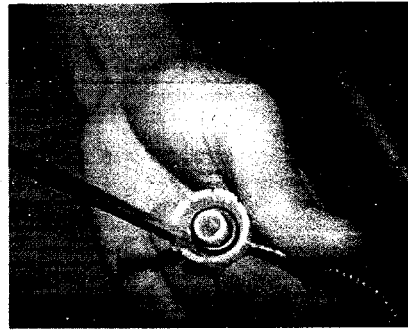
13. Remove the E-ring (N), and then remove the fuel pump plate (N1) from the fuel pump.



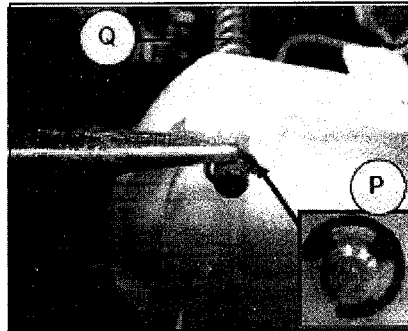
14. Release the 3 lock keys of the upper cap (O) by using a flat head screwdriver and remove the upper cap from the fuel pump. Discard the fuel pump sub assembly.



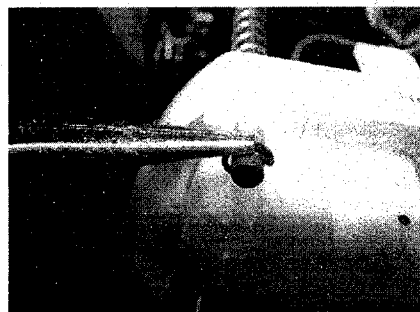
15. Remove the O-ring from the upper cap and install the new O-ring into the upper cap.



16. Install the upper cap and the fuel pump plate to the new fuel pump sub assembly in reverse order of removal.



17. Install the new E-ring (P) to the fuel pump plate stay (Q) as shown on the photo.



18. Install the fuel pump assembly in reverse order of removal.

